

# NOTICE

## U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

N 8200.118

National Policy

Effective Date:  
8/16/10

Cancellation Date:  
8/16/11

**SUBJ:** Flight Inspection of Wide Area Augmentation System (WAAS) RNAV  
Instrument Flight Procedures (Order 8200.1C, Chapter 13)

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- 1. Purpose of This Notice.** The Signal-to-Noise Ratio (SNR) tolerance for geostationary (GEO) satellites transmitting Wide Area Augmentation System(WAAS) GPS corrections is eliminated from the flight inspection/ validation tolerances.
- 2. Audience.** The audience for this notice is the Air Traffic Technical Operations Eastern, Central, and Western Service Areas; Aviation System Standards Flight Inspection Operations Group offices and crewmembers; Air Force Flight Standards Agency (AFFSA); the 1<sup>st</sup> Aviation Standards Flight; the U.S. Army Aviation Center, Fort Rucker, Alabama; the Flight Standards Flight Technologies and Procedures Division; and users of FAA Order 8200.1, USSFIM.
- 3. Where Can I Find This Notice?** Go to the Directives Management System (DMS) website: [https://employees.faa.gov/tools\\_resources/orders\\_notices/](https://employees.faa.gov/tools_resources/orders_notices/) or the Aviations System Standards website: <http://www.avn.faa.gov/index.asp?xml=fioo/notices>
- 4. Background.** RTCA DO-229x, Minimum Operations Performance Standards for Global Positioning System (GPS)/ WAAS Airborne Equipment addresses the WAAS avionics performance and satellite SNR. The avionics self-monitor the SNR to meet Technical Standard Order (TSO) C-145/ C-146 certification. Due to the RTCA DO-229x addressing airborne equipment performance, a flight inspection tolerance for WAAS GEO SNR is not required.
- 5. Guidance.** Please make the following pen and ink change to FAA Order 8200.1C, Chapter 13, Section 4, Paragraph 13.44, Tables 13-2 and 13-3: Delete Parameter/ Tolerance **SNR-W/  $\geq 30\text{dB/Hz}$** .

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Distribution: AJW-C/E/W/ 33; AFFSA; 1 ASF

Initiated By: AJW-331  
Air Traffic Technical Operations  
Aviation System Standards  
Flight Inspection Policy

The above guidance will be incorporated in the next change to FAA Order 8200.1C. For additional information, please contact Dan Burdette, Flight Inspection Policy, 405-954-6164.

Original signed by

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